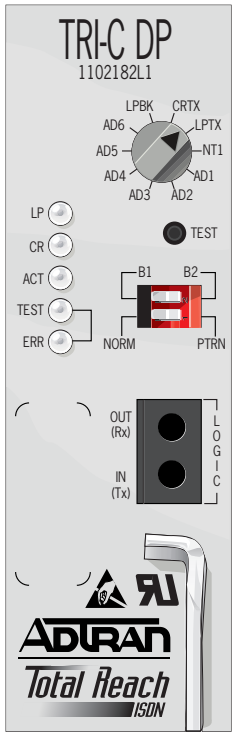
TRI-C DP / D4

CLEI: D4D3MU0D_ _



STATUS LEDs

LP	○ OFF	TRI loop sync has been established and no Near End Block Errors (NEBE) are being received from the loop interface
	● RED	TRI-interface is out of sync or there is loss of signal
	● YELLOW	Indicates a BER of 10^{-5} has been detected
	✶ FLASHING	Flashes upon receipt of a Near End Block Error (NEBE) or when a BER > 10^{-6} is detected during Local Performance Monitoring
CR	○ OFF	Carrier sync (framing per TR-TSY-000397) has been established and no Near End Block Errors are being received frrom the carrier interface
	● RED	No framing pattern is being received
	● YELLOW	A BER > 10-5 has been detected
	✶ FLASHING	Flashes upon receipt of a Near End Block Error (NEBE) or when a BER > 10-6 is detected during Local Performance Monitoring
ACT	● GREEN	Layer 1 from the ISDN switch to the customer ISDN terminal equipment has been established
TEST	● GREEN	Unit is in Local Performance Monitoring mode or the local test pattern gen/det in invoked
	● YELLOW	Front panel test has been successssfully initiated or unit is responding to a 2B+D loopback request
	✶ FLASHING	Flashes once every two seconds when responding to a B1 loopback request or when forced into a B1 loopback from the front panel. Flashes twice every two seconds when responding to a B2 loopback request or when forced into a B2 loopback from the front panel.
ERR	✶ FLASHING	Errors detected by local test pattern detector

FACEPLATE SWITCHES

Rotary Switch - used to select circuit elements for loopback testing

- AD1 – selects address of local unit for loopback
- AD2 – selects address of next unit downstream for loopback
- AD3 – selects address of second unit downstream for loopback
- AD4 – selects address of third unit downstream for loopback
- AD5 – selects address of fourth unit downstream for loopback
- AD6 – selects address of fifth unit downstream for loopback
- LPBK – forces this unit to set up bidirectional loopback for selected B1 or B2 channel
- CRTX – sets up loopback toward carrier
- LPTX – sets up loopback toward the loop
- NT1 – selects address of the NT1 for loopback

- TEST – initiates selected loopback test from rotary switch

DIP SWITCHES

- B1/B2 – selects which B channel, B1 or B2, to be tested during local tests
- NORM/PTRN – used to select whether test pattern is sent from a test set or the unit itself
  NORM – test pattern is sent from test set plugged into faceplate bantam jacks
  PTRN – test pattern, 2047, is internally generated and transmitted

LOGIC BANTAM JACKS

- Used to perform upstream and downstream testing with a DS0 level tester such as a TPI 108/109 or Fireberd 4000/6000.
  Rx (OUT) – transmits signal out to unit being tested
  Tx (IN) – receives signal in from unit being tested

HARDWARE SWITCHES SW1 & SW2

SW1-1: TRM – along with SW1-2, selects the bank type for the U-BR1TE IV

SW1-2: TRM

Bank	Count/Slot	SW1-1	SW1-2
D4	D4 Counting	On	Off
	D1D Counting	On	On
SLC I	CU in slots 1,4,7,10	On	On
	CU in slots 2,5,8,11	Off	Off
SLC III	D4 Counting	On	On
	D1D Counting	Off	On

SW1-3: B1 –along with SW4 and SW5, selects the service level

SW1-4: B2

SW1-5: D

Service Option	SW1-3 (B1)	SW1-4 (B2)	SW1-5 (D)
2B+D	On	On	On
2B	On	On	Off
B1+D	On	Off	On
B2+D	Off	On	On
B1	On	Off	Off
B2	Off	On	Off
D	Off	Off	On

SW1-6: Zero Byte Substitution (ZBS)

- Enables or disables ZBS

Note: ZBS must be set the same for the COT and RT. For AMI-provisioned carriers, ZBS should be enabled. Setting is optional for B8ZS-provisioned carriers.

COMPLIANCE

This product is intended to be installed in products providing a Type "B" or "E" enclosure and in restricted access location only.

Code	Input	Output
Power Code (PC)	F	C
Telecommunication Code (TC)	–	X
Installation Code (IC)	A	–

WARRANTY

Warranty for Carrier Networks products manufactured by ADTRAN and supplied under Buyer's order for use in the U.S. is ten (10) years. For a complete copy of ADTRAN's *U.S. and Canada Carrier Networks Equipment Warranty*, call (877) 457-5007, Document #414.

CAUTION!
SUBJECT TO ELECTROSTATIC DAMAGE OR DECREASE IN RELIABILITY.
HANDLING PRECAUTIONS REQUIRED.

■ For a complete Installation and Maintenance Practice: (877) 457-5007, Document # 427. Please have your fax number available. ■